What is claimed is:

1. A method of displaying an image stored on a digital versatile disk (DVD) on a computer monitor, comprising the steps of:

retrieving an image from a DVD, the image having M x N pixels; expanding the image to X x Y pixels, where the product of X x Y is greater than the product of M x N; and

displaying the expanded image at a resolution of X x Y pixels on a computer monitor.

2. The method of Claim 1, wherein M x N is equal to 720 x 480.

3. The method of Claim 2, wherein X x Y is equal to 800 x 480.

4. The method of Claim 3, wherein the step of expanding includes interpolating the pixels in the image.

5. The method of Claim 3, wherein the step of expanding includes spectrally transforming the image.

6. The method of claim 1, wherein the step of expanding includes initially expanding the image to P x Q pixels, and discarding a number of pixels to read X x Y pixels.

7. The method of claim 6, wherein M x N is equal to 720 x 480, P x Q is equal to 852 x 480 and X x Y is equal to 800 x 480.

8. An arrangement for displaying an image stored on a digital versatile disk (DVD), comprising:

a DVD drive configured to receive a DVD and retrieve images stored on the DVD in an M x N format;

a computer monitor having a resolution of X x Y pixels, wherein X x Y is greater than M x N; and

an image processor coupled to the DVD drive and the computer monitor and including a DVD image expander that receives from the DVD drive the images retrieved from the DVD, expands the retrieved images from an M x N format to an X x Y format, and provides the expanded images as a display signal to the computer monitor.

9. The arrangement of Claim 8, wherein the images are stored on the DVD in a 720 x 480 format.

10. The arrangement of Claim 9, wherein the computer monitor has a display resolution of 800 x 600 pixels, and X x Y is equal to 800 x 480.

11. The arrangement of Claim 10, wherein the image processor includes interpolation circuitry that generates interpolated pixels in the images retrieved from the DVD to generate the expanded images.

12. An image processing arrangement for generating a high-resolution display signal containing images stored on a digital versatile disk (DVD), comprising:

an image signal input that receives an image signal containing low-resolution images retrieved from a DVD;

image expansion circuitry coupled to the image signal input, the image expansion circuitry expanding the low-resolution images to generate high-resolution images; and

a display signal output coupled to the image expansion circuitry to receive the high-resolution images and output a high-resolution display signal formed from the high-resolution images.

13. The image processing arrangement of Claim 12, wherein each low-resolution image comprises a set of pixels, and the image expansion circuitry

includes an interpolator for generating additional pixels and inserting the additional pixels within the set of pixels to generate a high-resolution image.

14. The image processing arrangement of Claim 13, wherein the sets of pixels in the low-resolution images are 720 x 480 pixel resolution sets.

15. The image processing arrangement of Claim 14, wherein each high-resolution image generated by the image expansion circuitry with additional pixels comprises an 800 x 480 pixel resolution image.

16. The image processing arrangement of Claim 12, wherein each low-resolution image comprises a set of pixels, and the image expansion circuitry includes a pixel generator for generating additional pixels and inserting the additional pixels within the set of pixels to generate a high-resolution image.

17. The image processing arrangement of Claim 16, wherein the sets of pixels in the low-resolution images are 720 x 480 pixel resolution sets.

18. The image processing arrangement of Claim 17, wherein each high-resolution image generated by the image expansion circuitry with additional pixels comprises an 800 x 480 pixel resolution image.